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**Intercontinental Terminals Company (ITC) Fire Morning Update
Deer Park, Texas
March 21, 2019**

- EPA continues to participate in Unified Command with TCEQ, Harris County Pollution Control Services, and ITC.
- Once EPA detected a benzene level of 1.8 ppm in a residential area south of Highway 225, EPA informed Unified Command. The City of Deer Park issued a community shelter-in-place and closed Highway 225, which was performed at 4:50 am.
- At approximately 3:00 am on March 21, 2019, an elevated benzene level over 1.0 ppm, forced the movement of the Incident Command from the tank farm area to Highway 225.
- EPA notified ATSDR and the Poison Control Center of elevated levels of Benzene in the air in the area surrounding the ITC facility in Deer Park, Texas.
- Fire operations are still ongoing, with maintaining of the foam blanket in the secondary containment to prevent reignition of hot spots. Foam is being added approximately 3 times every 4 hours at a rate of 180,000 gallons of foam per foaming operation. The facility stated that there is approximately 2 feet of free board within the secondary containment. The secondary containment has a capacity of 175,000 barrels (7.38 million gallons). The facility will open outfall 003 per foaming operation to manage water in the secondary containment to maintain current levels. TCEQ and EPA requested water sampling be done each time outfall is opened. This will be added to the Water Sampling plan.
- ITC will initiate sampling of all brands of foam used during the response to determine if any contained PFOS and PFOA. This operation should begin on March 21, 2019. The analysis is expected to take five days.
- ITC stated a surface drain is releasing water that flooded around the tank farm, but should not contain any product.
- ITC will mobilize additional resources (skimmers, vac trucks, and frac tanks) to conduct cleanup operations at the Tucker and Buffalo Bayou.
- EPA OSC participated in a public meeting with Congresswoman Sheila Jackson Lee in Galena Park regarding EPA's role on the response. Approximately 100 people were in attendance.
- EPA will conduct water sampling on March 21, 2019, for PFOS / PFOA analysis, Chemical Oxygen Demand, VOCs, SVOCs and Oil/Grease. The samples will be collected at locations along Buffalo Bayou and the San Jacinto River.
- ITC continues to take water samples every two hours at the ditch feeding into Tucker Bayou and sending the samples to an outside laboratory for analysis.
- EPA received the first preliminary water sample results from ITC in the afternoon of 03/20. Elevated concentrations for COD and oil/grease, as well as benzene, were detected, which was expected.
- The TAGA mobile laboratory has arrived on-site and will initiate air monitoring in communities around the facility.
- EPA conducted handheld air monitoring from March 20, 2019 (12:00 pm) to March 21, 2019 (4:00 am) at 63 locations. Results were reported above the detection limit

at one location for total volatile organic compounds (VOCs) and benzene (0.9 ppm). Benzene was detected at this location above the TCEQ AMVC for benzene (0.18 ppm). This air monitoring location is adjacent to the ITC facility. These instantaneous detections were shared with TCEQ to determine if there is a short-term health concern.

- ITC continues air monitoring in the communities around the facility. As of 2:00 pm on March 20, 2019, they have conducted 596 VOC readings, as well as 503 benzene readings in the communities. No readings above action levels have been recorded. ITC air monitoring within the site and in adjacent industrial facilities are detecting elevated levels of benzene.
- ITC is currently working on a plan for managing the water in the secondary containment once the fire operations have ceased. The facility plans to pump the water to an empty tank and then dispose of it as waste. They will coordinate with TCEQ water and RCRA programs on this strategy.
- ITC started removing product from one of the Pyrolysis Gas tanks (80-10) early on 03/21, which is being stored in an empty tank in another part of the facility (100-28).
- The TAGA mobile laboratory begin mobile monitoring in the areas between 8:00 - 8:30 am. TCEQ teams, ITC, and the State of Texas Civil Support Team will also be conducting air monitoring throughout the community.

